Index to Volume 45

Authors and Titles

Abdel-Aziz, S. H.
Observations on the biology of the common torpedo (*Torpedo torpedo*, Linnaeus, 1758) and marbled electric ray (*Torpedo marmorata*, Risso, 1810) from Egyptian Mediterranean waters. 693

Abdel-Aziz, S. H.
Reproductive biology and pathological changes of the Egyptian sole (*Solea aegyptiaca*, Chabanaud, 1927) from polluted waters of Abu-Kir Bay near Alexandria, Egypt. 1181

Anderson, T. J., Wesche, S., and Lester, R. J. G.
Are outbreaks of *Marteilia sydneyi* in Sydney rock oysters, *Saccostrea commercialis*, triggered by a drop in environmental pH? 1285

Atkinson, M. H. *See* Kingsford, M. J. 1007

Baisre, J. A.
Phyllosoma larvae and the phylogeny of Palinuroidea (Crustacea: Decapoda): a review. 925

Baker, P. D. and Humpage, A. R.
Toxicity associated with commonly occurring cyanobacteria in surface waters of the Murray–Darling Basin, Australia. 773

Baker, P. D. *See* Codd, G. A. 731
and Humpage, A. R. 761

Barmuta, L. A. *See* Marchant, R. 945

Barton, J. L. *See* Davies, P. E. 209

Batley, G. E. *See* Chenhall, B. E. 977

Birch, M. D. *See* Brookes, J. D. 863

Bischoff, B., Karsten, U., Daniel, C., Kück, K., Xia, B., and Wiencke, C.
Preliminary assessment of the β-dimethylsulfoniopropionate (DMSP) content of macroalgae from the tropical island of Hainan (People's Republic of China). 1329

Blaber, S. M. J., and Milton, D. A.
Distribution of seabirds at sea in the Gulf of Carpentaria, Australia. 445

Blaber, S. M. J., Brewer, D. T., and Harris, A. N.
Distribution, biomass and community structure of demersal fishes of the Gulf of Carpentaria, Australia. 375

Blaber, S. M. J. *See* Brewer, D. T. 413
and Salini, J. P. 397

Blackburn, S. I. *See* Jones, G. J. 787

Blair, D. *See* Hurley, M. 563

Blanch, S. J., and Brock, M. A.
Effects of grazing and depth on two wetland plant species. 1387

Bolch, C. J. S., Ward, R. D., and Last, P. R.
Biochemical systematics of the marine fish family Centrolophidae (Teleostei: Stromateoidei) from Australian waters. 1157

Boon, P. I.
Discrimination of algal and bacterial alkaline phosphatases with a differential-inhibition technique. 83

Boon, P. I., and Brock, M. A.
Plants and processes in wetlands: a back-ground. 1369

Boon, P. I., Bunn, S. E., Green, J. D., and Shiel, R. J.
Consumption of cyanobacteria by freshwater zooplankton: implications for the success of 'top-down' control of cyanobacterial blooms in Australia 875

Boon, P. I. *See* Muller K. L. 1543

Boulton, A. J. *See* Walker, K. F. 1421

Bowling, L.
Occurrence and possible causes of a severe cyanobacterial bloom in Lake Cargelligo, New South Wales. 737

Bowmer, K. H. *See* Jacobs, S. W. L. 1481

Bretag, A. H. *See* Humpage, A. R. 761

Brewer, D. T., Blaber, S. M. J., Milton, D. A., and Salini, J. P.
Aspects of the biology of *Caranx bucculentus* (Teleostei: Carangidae) from the Gulf of Carpentaria, Australia. 413

Brewer, D. T. *See* Blaber, S. M. J. 375
and Salini, J. P. 397

Britton, D. L., and Brock, M. A.
Seasonal germination from wetland seed banks. 1445

Brock, M. A., Theodore, K., and O'Donnell, L.
Seed-bank methods of Australian wetlands. 483

Brock, M. A. *See* Boon, P. I. 1369
and Blanch, S. J. 1387
and Britton, D. L. 1445

Brookes, J. D., Ganf, G. G., and Birch, M. D.
Separation of forms of *Microcystis* from *Anabaena* in mixed populations by the application of pressure. 863

Brown, R. *See* Humpage, A. R. 761

Brownlow, M. D., Sparrow, A. D., and Ganf, G. G.
Classification of water regimes in systems of fluctuating water level. 1375

Bunn, S. E. *See* Boon, P. I. 875

Burch, M. D. *See* Codd, G. A. 731

Cameron, D. *See* Dunning, M. 351

Campbell, C. E.
Seasonal zooplankton fauna of salt evaporation basins in South Australia. 199

Capapé, C., and Zaouali, J.
Distribution and reproductive biology of the blackchin guitarfish, *Rhinobatos cemiculus* (Pisces : Rhinobatidae), in Tunisian waters (central Mediterranean). 551

Casanova, M. T.
Vegetative and reproductive responses of charophytes to water-level fluctuations in permanent and temporary wetlands in Australia. 1409

Chapman, M. G.
Small-scale patterns of distribution and size-structure of the intertidal littorinid *Littorina unifasciata* (Gastropoda : Littorinidae) in New South Wales. 635

Chen, Y.-L. L., Chen, H.-Y., and Tzeng, W.-N.
Reappraisal of the importance of rainfall in affecting catches of *Anguilla japonica* elvers in Taiwan. 185

Chen, H.-Y. *See* Chen, Y.-L. L. 185

Chenhall, B. E., Batley, G. E., Yassini, I., Depers, A. M., and Jones, B. G.
Ash distribution and metal contents of Lake Illawarra bottom sediments. 977

Chessman, B. C. *See* Marchant, R. 945

Clarke, P. J., and Jacoby, C. A.
Biomass and above-ground productivity of salt-marsh plants in south-eastern Australia. 1521

Clearwater, S. J., and Pankhurst, N. W.
Reproductive biology and endocrinology of female red gurnard, *Chelidonichthys kumu* (Lesson and Garnot) (Family Triglidae), from the Hauraki Gulf, New Zealand. 131

Closs, G. P.
Feeding of *Galaxias olidus* (Günther) (Pisces : Galaxiidae) in an intermittent Australian stream. 227

Codd, G. A., Steffensen, D. A., Burch, M. D. and Baker, P. D.
Toxic blooms of cyanobacteria in Lake Alexandrina, South Australia — learning from history. 731

Coles, R. G. *See* Lee Long, W. J. 727

Connolly, R. M.
A comparison of fish assemblages from seagrass and unvegetated areas of a southern Australian estuary. 1033

Cook, L. S. J. *See* Davies, P. E. 209

Coutis, P. *See* Middleton, J. H. 1

Cox, P. T. *See* Neilan, B. A. 869

Cresswell, G.
Nutrient enrichment of the Sydney continental shelf. 677

Croome, R. *See* Hötzel, G. 747

Daniel, C. *See* Bischoff, B. 1329

Davies, P. E., and Kalish, S. R.
Influence of river hydrology on the dynamics and water quality of the upper Derwent estuary, Tasmania. 109

Davies, P. E., Cook, L. S. J., and Barton, J. L.
Triazine herbicide contamination of Tasmanian streams: sources, concentrations and effects on biota. 209

Davies, P. E., and Nelson, M.
Relationships between riparian buffer widths and the effects of logging on stream habitat, invertebrate community composition and fish abundance. 1289

De Boer, E. *See* Jernakoff, P. 69

Denton, M., and Ganf, G. G.
Response of juvenile *Melaleuca halmaturorum* to flooding: management implications for a seasonal wetland, Bool Lagoon, South Australia. 1395

Depers, A. M. *See* Chenhall, B. E. 977

Dimmlich, W. F. *See* Hoedt, F. E. 617

Drollet, J. H., Faucon, M., Maritorena, S., and Martin, P. M. V.
A survey of environmental physico-chemical parameters during a minor coral mass bleaching event in Tahiti in 1993. 1149

Dunning, M., McKinnon, S., Lu, C. C., Yeatman, J., and Cameron, D.
Demersal cephalopods of the Gulf of Carpentaria, Australia. 351

Elliot, N. G., and Ward, R. D.
Enzyme variation in jackass morwong, *Nemadactylus macropterus* (Schneider, 1801) (Teleostei : Cheilodactylidae), from Australian and New Zealand waters. 51

Fabricius, K. E.
Spatial patterns in shallow-water crinoid communities on the central Great Barrier Reef. 1225

Faucon, M. *See* Drollet, J. H. 1149

Ferris, J. M. *See* Patterson, J. C. 829

Fitzpatrick, J. *See* Jernakoff, P. 69

Forbes, A. M. G. *See* Rothlisberg, P. C. 265

Froend, R. H., and McComb, A. J.
Distribution, productivity and reproductive phenology of emergent macrophytes in relation to water regimes at wetlands of south-western Australia. 1491

Gales, R. and Pemberton, D.
Diet of the Australian fur seal in Tasmania. 653

Gales, R., and Pemberton, D.
Corrigendum to: Diet of the Australian fur seal in Tasmania. 1367

Ganf, G. G. *See* Brookes, J. D. 863
and Brownlow, M. D. 1375
and Denton, M. 1395
and Muller, K. L. 1543
and Rea, N. 1459; 1469

Gehrke, P. C., and Harris, J. H.
The role of fish in cyanobacterial blooms in Australia. 905

Gill, H. S., and Neira, F. J.
Larval descriptions of three galaxiid fishes endemic to south-western Australia: *Galaxias occidentalis*, *Galaxiella munda* and *Galaxiella nigrostriata* (Salmoniformes : Galaxiidae). 1307

Goodman, A. E. *See* Neilan, B. A. 869

Gordon, G. N. G. *See* West, R. J. 1259

Gourbault, N., and Vincx, M.
New species of *Parapinnanema* (Nematoda : Chromadoridae) are described, with a discussion of the genus. 141

Gray, C. A., and Otway, N. M.
Spatial and temporal differences in assemblages of demersal fishes on the inner continental shelf off Sydney, south-eastern Australia. 665

Green, J. D. *See* Boon, P. I. 875

Greenway, M.
Litter accession and accumulation in a *Melaleuca quinquenervia* (Cav.) S. T. Blake wetland in south-eastern Queensland. 1509

Griffin, D. A. *See* Middleton, J. H. 1

Griffith, J. K.
Predation on soft corals (Octocorallia : Alcyonacea) on the Great Barrier Reef, Australia. 1281

Growns, I. O., and Davis J. A.
Effects of forestry activities (clearfelling) on stream macroinvertebrate fauna in south-western Australia. 963

Growns, J. E., and Ritz, D. A.
Colour variation in southern Tasmania populations of *Heliocidaris erythrogramma* (Echinometridae : Echinoidea). 233

Hamilton, D. P. *See* Patterson, J. C 829

Hamilton, L. J.
Turbidity in the northern Great Barrier Reef lagoon in the wet season, March 1989. 585

Hamr, P., and Richardson, A.
Life history of *Parastacoides tasmanicus tasmanicus* Clark, a burrowing freshwater crayfish from south-western Tasmania. 455

Hansen, J. A., and Skilleter, G. A.
Effects of the gastropod *Rhinoclavis aspera* (Linnaeus, 1758) on microbial biomass and productivity in coral-reef-flat sediments. 569

Harris, A. N. *See* Blaber, S. M. J. 375

Harris, J. H. *See* Gehrke, P. C. 905

Hawkins, P. R. *See* Neilan, B. A. 869

Haynes, D., Rayment, P., Raynes, K., and Mosse, P. R. L.
Laboratory-based investigation into the potential for algal proliferation in Lake Coleman, Victoria. 625

Heales, D. S. *See* Vance, D. J. 35

Heatwole, H. *See* Wassenberg, T. J. 429

Hearnden, M. N. *See* Hurley, M. 563

Hill, B. J. *See* Wassenberg, T. J. 43

Hoedt, F. E., and Dimmlich, W. F.
Diet of subadult Australian salmon, *Arripis truttaceus*, in Western Port, Victoria. 617

Hötzel, G., and Croome, R.
Long-term phytoplankton monitoring of the Darling River at Burtundy, New South Wales: incidence and significance of cyanobacterial blooms. 747

Howitt, L. *See* Morrisey, D. J. 177

Humpage, A. R., Rositano, J., Bretag, A. H., Brown, R., Baker, P. D., Nicholson, B. C., and Steffensen, D. A.
Paralytic shellfish poisons from Australian cyanobacterial blooms. 761

Humpage, A. R. *See* Baker, P. D. 773

Hurley, M., Hearnden, M. N., Blair, D., and Kay, B. H.
Larval trematodes in freshwater snails at the Ross River reservoir, northern Australia, with emphasis on *Trichobilharzia* sp(p)., causative agents of swimmer's itch. 563

Jackson, C. J. *See* Rothlisberg, P. C. 265
and Rothlisberg, P. C. 337

Jacobs, B. J. *See* Jacobs, S. W. L. 1481

Jacobs, S. W. L., Perrett, F., Sainty, G. R., Bowmer, K. H., and Jacobs, B. J.
Ludwigia peruviana (Onagraceae) in the Botany Wetlands near Sydney, Australia. 1481

Jacoby, C. A. *See* Clarke, P. J. 1521

Jernakoff, P., Fitzpatrick, J., Phillips, B. F., and De Boer, E.
Density and growth in populations of juvenile western rock lobsters, *Panurilus cygnus* (George). 69

Johnston, N. A. L., Campagna, V. S., Hawkins, P. R., and Banens, R. J.
Response of the eastern rainbowfish (*Melanotaenia duboulayi*) to toxic *Microcystis aeruginosa*. 917

Jones, B. G. *See* Chenhall, B. E. 977

Jones, G. B. *See* Reichelt, A. J. 1237

Jones, G. J., Blackburn, S. I. and Parker, N. S.
A toxic bloom of *Nodularia spumigena* Mertens in Orielton Lagoon, Tasmania. 787

Jones, G. J. *See* Matveeva, V. 889

Jordan, A. R.
Age, growth and back-calculated birthdate distributions of larval jack mackerel, *Trachurus declivis* (Pisces: Carangidae), from eastern Tasmanian coastal waters. 19

Jupp, D. L. B., Kirk, J. T. O., and Harris, G. P.
Detection, identification and mapping of cyanobacteria—using remote sensing to measure the optical quality of turbid inland waters. 801

Kalish, S. R. *See* Davies, P. E. 109

Kalmykov, V. A.
Phase velocity and dispersion relations of surface gravity waves in shallow sea. 993

Karsten, U. *See* Bischoff, B. 1329

Kay, B. H. *See* Hurley, M. 563

Keenan, C. P.
Recent evolution of population structure in Australian barramundi, *Lates calcarifer* (Bloch): an example of isolation by distance in one dimension. 1123

Kerr, J. D. *See* Wassenberg, T. J. 429

Kingsford, M. J., and Atkinson, M. H.
Increments in otoliths and scales: how they relate to the age and early development of reared and wild larval and juvenile *Pagrus auratus* (Sparidae). 1007

Koehn, J. D., O'Connor, N. A., and Jackson, P. D.
Seasonal and size-related variation in microhabitat use by a southern Victorian stream fish assemblage. 1353

Krogh, M.
Spatial, seasonal and biological analysis of sharks caught in the New South Wales protective beach meshing programme. 1087

Kück, K. *See* Bischoff, B. 1329

Lake, P. S. *See* O'Connor, N. A. 243

Last, P. R. *See* Bolch, C. J. S. 1157

Lee Long, W. J., Mellors, J. E., and Coles, R. G.
Corrigendum to: Seagrasses between Cape York and Hervey Bay, Queensland, Australia. 727

Lester, R. J. G. *See* Anderson, T. J. 1285

Lillywhite, P. *See* Marchant, R. 471

Loneragan, N. R. *See* Vance, D. J. 35

Long, B. G., and Poiner, I. R.
Infaunal benthic community structure and function in the Gulf of Carpentaria, northern Australia. 293

Long, B. G. *See* Somers, I. F. 283

Lowry, M. *See* Schroeder, A. 1173

Lu, C. C. See Dunning, M. 351

Macks, A. *See* Middleton, J. H. 1

Mallen-Cooper, M.
Swimming ability of adult golden perch, *Macquaria ambigua* (Percichthyidae), and adult silver perch, *Bidyanus bidyanus* (Teraponidae), in an experimental vertical-slot fishway. 191

Marchant, R., and Lillywhite, P.
Survey of stream invertebrate communities on Macquarie Island. 471

Marchant, R., Barmuta, L. A., and Chessman, B. C.
Preliminary study of the ordination and classification of macroinvertebrate communities from running waters in Victoria, Australia. 945

Maritorena, S. *See* Drollet, J. H. 1149

Martin, P. M. V. *See* Drollet, J. H. 1149

Matveev, V., Matveeva, L., and Jones, G. J.
Study of the ability of *Daphnia carinata* King to control phytoplankton and resist cyanobacterial toxicity: implications for biomanipulation in Australia. 889

Matveeva, L. *See* Matveev, V. 889

McComb, A. J. *See* Froend, R. H. 1491
and Song Qui 1319

McKenzie, L. J.
Seasonal changes in biomass and shoot characteristics of a *Zostera capricorni* Aschers. dominant meadow in Cairns Harbour, northern Queensland. 1337

McKinnon, S. *See* Dunning, M. 351

McLoughlin, K. J., and Stevens, J. D.
Gill-net mesh selectivities for two species of commercial carcharhinid shark taken in northern Australia. 521

McTaggart, A. *See* Middleton, J. H. 1

McWilliam, P. S., *See* Rothlisberg, P. C. 337

Mellors, J. E. *See* Lee Long, W. J. 727

Menezes, M. R.
Little genetic variation in the oil sardine, *Sardinella longiceps* Val., from the western coast of India. 257

Mensforth, L. J. *See* Thorburn, P. J. 1439

Merrifield, M. A. *See* Middleton, J. H. 1

Middleton, J. H., Coutis, P., Griffin, D. A., Macks, A., McTaggart, A., Merrifield, M.A., and Nippard, G. J.
Circulation and water mass characteristics of the southern Great Barrier Reef. 1

Miller, G. J. *See* Mortimer, M. R. 1107

Milton, D. A. *See* Blaber, S. M. J. 445
and Brewer, D. T. 413

Moriarty, D. J. W. See Rothlisberg, P. C. 265

Morrisey, D. J., Stark, J. S., Howitt, L., and Underwood, A. J.
Spatial variation in concentrations of heavy metals in marine sediments. 177

Mortimer, M. R., and Miller, G. J.
Susceptibility of larval and juvenile instars of the sand crab, *Portunus pelagicus* (L.), to seawater contaminated by chromium, nickel or copper. 1107

Mosse, P. R. L. *See* Haynes, D. 625

Muller, K. L., Ganf, G. G., and Boon, P. I.
Methane flux from beds of *Baumea arthrophylla* (Nees) Boeckeler and *Triglochin procerum* R. Br. at Bool Lagoon, South Australia. 1543

Neilan, B. A., Hawkins, P. R., Cox, P. T., and Goodman, A. E.
Towards a molecular taxonomy for the bloom-forming cyanobacteria. 869

Neira, F. J., and Potter, I. C.
The larval fish assemblage of the Nornalup-Walpole Estuary, a permanently open estuary on the southern coast of Western Australia. 1193

Neira, F. J. *See* Gill, H. S. 1307

Nelson, M. *See* Davies, P. E. 1289

Nichols, P. D. *See* Rothlisberg, P. C. 265

Nicholson, B. C. *See* Humpage, A. R. 761

Nippard, G. J. *See* Middleton, J. H. 1

O'Connor, N. A., and Lake, P. S.
Long-term and seasonal large-scale disturbances of a small lowland stream. 243

O'Donnell, L. *See* Brock, M. A. 483

Otway, N. M. *See* Gray, C. A. 665

Ovenden, J. R. *See* Smolenski, A. J. 495

Pankhurst, N. W. *See* Clearwater, S. J. 131

Parker, N. S. *See* Jones, G. J. 787

Parsons, K. E. and Ward, R. D.
Electrophoretic and morphological examination of *Austrocochlea constricta* (Gastropoda: Trochidae): a species complex. 1065

Patterson, J. C., Hamilton, D. P., and Ferris, J. M.
Modelling of cyanobacterial blooms in the mixed layer of lakes and reservoirs. 829

Pemberton, D. *See* Gales, R. 653
and Gales, R. 1367

Perrett, F. *See* Jacobs, S. W. L. 1481

Phillips, B. F. *See* Jernakoff, P. 69
and Rothlisberg, P. C. 337

Poiner, I. R. *See* Long, B. G. 293

Pollard, P. C. *See* Rothlisberg, P. C. 265

Polonsky, A. B.
Comparative study of the Pacific ENSO event of 1991–92 and the Atlantic ENSO-like event of 1991. 705

Potter, I. C. *See* Neira, F. J. 1193

Potter, M. A. *See* Sumpton, W. D. 169

Rayment, P. *See* Haynes, D. 625

Raynes, K. *See* Haynes, D. 625

Rea, N., and Ganf, G. G.
Water depth changes and biomass allocation in two contrasting macrophytes. 1459

Rea, N., and Ganf, G. G.
The role of sexual reproduction and water regime in shaping the distribution patterns of clonal emergent aquatic plants. 1469

Reichelt, A. J., and Jones, G. B.
Trace metals as tracers of dredging activity in Cleveland Bay—field and laboratory studies. 1237

Richardson, A. *See* Hamr, P. 455

Ritz, D. A. *See* Growns, J. E. 233

Rositano, J. *See* Humpage, A. R. 761

Rothlisberg, P. C., Jackson, C. J., Phillips, B. F., and McWilliam, P. S.
Distribution and abundance of scyllarid and palinurid lobster larvae in the Gulf of Carpentaria, Australia. 337

Rothlisberg, P. C., Pollard, P. C., Nichols, P. D., Moriarty, D. J. W., Forbes, A. M. G., Jackson, C. J., and Vaudrey, D.
Phytoplankton community structure and productivity in relation to the hydrological regime of the Gulf of Carpentaria, Australia, in summer. 265

Sánchez, F. *See* Wöhler, O.C. 507

Sainty, G. R. *See* Jacobs, S. W. L. 1481

Salini, J. P., Blaber, S. M. J., and Brewer, D. T.
Diets of trawled predatory fish of the Gulf of Carpentaria, Australia, with particular reference to predation on prawns. 397

Salini, J. P. *See* Brewer, D. T. 413
and Wassenberg, T. J. 429

Schroeder, A., Lowry, M., and Suthers, I.
Sexual dimorphism in the red morwong, *Cheilodactylus fuscus*. 1173

Serrano, L.
Sources, abundance and disappearance of polyphenolic compounds in temporary ponds of Doñana National Park (south-western Spain). 1555

Sheldon, F. *See* Walker, K. F. 1421

Sherman, B. S., and Webster, I. T.
A model for the light-limited growth of buoyant phytoplankton in a shallow, turbid waterbody. 847

Shiel, R. J. *See* Boon, P. I. 875

Skilleter, G. A. *See* Hansen, J. A. 569

Smith, G. S. *See* Sumpton, W. D. 169

Smith, R. E. W.
Distribution and geographical variation of *Australatya striolata* (McCulloch and McNeill 1923) (Decapoda: Atyidae). 161

Smith, S. D. A
Impact of domestic sewage effluent versus natural background variability: an example from Jervis Bay, New South Wales. 1045

Smolenski, A. J., Ovenden, J. R., and White, R. W. G.
Preliminary investigation of mitochondrial DNA variation in jack mackerel (*Trachurus declivis*, Carangidae) from south-eastern Australian waters. 495

Somers, I. F.
Species composition and distribution of commercial penaeid prawn catches in the Gulf of Carpentaria, Australia, in relation to depth and sediment type. 317

Somers, I. F.
Corrigendum to: Species composition and distribution of commercial penaeid prawn catches in the Gulf of Carpentaria, Australia, in relation to depth and sediment type. 729

Somers, I. F., and Long, B. G.
Note on the sediments and hydrology of the Gulf of Carpentaria, Australia. 283

Song Qiu and McComb, A. J.
Effects of oxygen concentration on phosphorus release from reflooded air-dried wetland sediments. 1319

Sorrell, B. K.
Airspace structure and mathematical modelling of oxygen diffusion, aeration and anoxia in *Eleocharis sphacelata* R. Br. roots. 1529

Sparrow, A. D. *See* Brownlow, M. D. 1375

Speare, P.
Relationships among black marlin, *Makaira indica*, in eastern Australian coastal waters, inferred from parasites. 535

Stark, J. S, *See* Morrisey, D. J. 177

St Clair, R. M.
Diets of some larval Leptoceridae (Trichoptera) in south-eastern Australia. 1023

Steffensen, D. A. *See* Codd, G. A. 731
and Humpage, A. R. 761

Stevens, J. D. *See* McLoughlin, K. J. 521

Sumpton, W. D., Potter, M. A., and Smith, G. S.
Parasitism of the commercial sand crab *Portunus pelagicus* (L.) by the rhizocephalan *Sacculina granifera* Boschma, 1973 in Moreton Bay, Queensland, Australia. 169

Suthers, I. *See* Schroeder, A. 1173

Theodore, K. *See* Brock, M. A. 483

Thoms, M. C. *See* Walker, K. F. 1421

Thorburn, P. J., Mensforth, L. J., and Walker, G. R.
Reliance of creek-side river red gums on creek water. 1439

Tzeng, W.-N. *See* Chen, Y.-L. L. 185

Underwood, A. J. *See* Morrisey, D. J. 177

Vance, D. J., Heales, D. S., and Loneragan, N. R.
Seasonal, diel and tidal variation in beam-trawl catches of juvenile grooved tiger prawns, *Penaeus semisulcatus* (Decapoda : Penaeidae), in the Embley River, north-eastern Gulf of Carpentaria, Australia. 35

Vaudrey, D. *See* Rothlisberg, P. C. 265

Vincx, M. *See* Gourbault, N. 141

Vyverman, W.
Limnological features of lakes on the Sepik–Ramu floodplain, Papua New Guinea. 1209

Walker, G. R. *See* Thorburn, P. J. 1439

Walker, K. F., Boulton, A. J., Thoms, M. C., and Sheldon, F.
Effects of water-level changes induced by weirs on the distribution of littoral plants along the River Murray, South Australia. 1421

Ward, R. D. *See* Bolch, C. J. S. 1157
and Elliot, N. G. 51

Wassenberg, T. J., and Hill, B. J.
Laboratory study of the effect of light on the emergence behaviour of eight species of commercially important adult penaeid prawns. 43

Wassenberg, T. J., Salini, J. P., Heatwole, H., and Kerr, J. D.
Incidental capture of sea-snakes (Hydrophiidae) by prawn trawlers in the Gulf of Carpentaria, Australia. 429

Webster, I. T. *See* Sherman, B. S. 847

Wesche, S. *See* Anderson, T. J. 1285

West, R. J., and Gordon, G. N. G
Commercial and recreational harvest of fish from two Australian coastal rivers. 1259

White, R. W. G. *See* Smolenski, A. J. 495

Wiencke, C. *See* Bischoff, B. 1329

Wöhler, O. C., and Sánchez, F.
Feeding ecology of castañeta (*Cheilodactylus bergi*; Pisces : Cheilodactylidae) in the south-western Atlantic (34–47°S). 507

Xia, B. *See* Bischoff, B. 1329

Yassini, I. *See* Chenhall, B. E. 977

Yeatman, J. *See* Dunning, M. 351

Zaouali, J. *See* Capapé, C. 551